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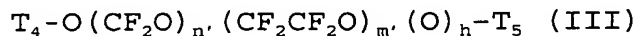
LINEAR PERFLUOROPOLYETHERS HAVING AN IMPROVED
THERMOOXIDATIVE STABILITY

ABSTRACT

Linear perfluoropolyethers of formula:



wherein n , m , r , s are integers such that the polymer number average molecular weight is comprised between 700 and 100,000 and the $n/(n+m+r+s)$ ratio ranges from 0.05 to 0.40, and respective preparation process by addition of a peroxidic perfluoropolyether of formula (III):



having a PO from 1.8 to 4, to a perfluoropolyether oil preheated at a temperature comprised between 150°C and 250°C and subsequent exhaustive fluorination of the obtained compound.